

Program Summary Sheet

IMPROVED CARGO HELICOPTER

PEO/DSA: AVN

Incumbent: Newman D. Shufflebarger

FY: 03

Rotation Date: Aug 03

Command Selection Criteria

1. Description of Program/Command:

The Improved Cargo Helicopter program (CH-47F) is a service life extension project which incorporates a minimum number of operational and OScost reduction improvements. The CH-47F Chinook/ICH cockpit will be upgraded to a new electronic architecture allowing seamless interface with other systems on the digital battlefield; the airframe will be structurally modified to reduce OScosts; the aircraft will be remanufactured to extend its service life incorporating Recapitilization of dynamic components, and the engine will be upgraded to a more powerful and reliable T55-GA-714A turboshaft engine as the result of a separate CH-47D Chinook engine upgrade program.

2. Description of PMs/Commanders Responsibilities:

Executes full product management responsibility for the ICH airframe remanufacturing and upgrade program. Programmed funds over the next six years (FY 02-07) includes \$1.5B RDTE and APA. The Product Manager reports through the Cargo Helicopters Project Manager to the Program Executive Officer, Aviation and is responsible for planning supervising, and controlling the allocation and utilization of all resources authorized for execution of the ICH airframe program. He provides direct management interface between defense contractors and Department of Defense agencies to ensure successful acquisition of new equipment and the sustained support of OSD, DA, other services, other government agencies, and Army MACOMs, as necessary, to execute the development, testing, qualification, procurement, production, fielding, and integrated logistics support for the improved cargo helicopter.

3. Desirable Characteristics:

a. Military Education:

Level 4

b. Civilian Education:

Advanced degree in management, technical or scientific field

c. Experience:

Three years aviation maintenance experience and CH-47 qualified aviator

d. Security Clearance:

e. Other:

Advanced Program Manager's Course at Defense Systems Management College.

4. Administrative Data:

a. Duty Station

City: Redstone Arsenal State: AL

b. UIC: W27P02

c. Report Date: Month: Jul Year: 03

Other Significant Command Information

1a. Significant Congressional, Office of the Secretary of Defense, and/or Army Interest:

As an ACAT IC Program, the Improved Cargo Helicopter has HQDA interest as well as a special OSD reporting requirement for operating and support cost reductions.

b. Significant Impact on Military Posture and Readiness:

The fleet of 468 U.S. Army and Special Forces CH-47s remains the prime cargo mover on the battlefield. Its readiness posture significantly impacts supported units, especially those of the XVIII ABN Corps. The CH-47F will upgrade and extend the service life of 300 CH-47s as a bridge to the Future Transport Rotorcraft (FTR).

c. Extensive Interdepartmental, National, or International Coordination:

PM, CH-47F is the Aviation PEO representative to the FTR development team.

d. Unusual Organizational Complexity, Technological Advancement or Interface Control:

The ICH is developing/integrating a new digital cockpit that is a candidate for a common cockpit across the Army platforms.

e. Unusual Difficulties Requiring Centralized Management:

2. Systems currently managed by the PM:

CH-47F Improved Cargo Helicopter